

LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A printer comprising:

a controller for transmitting commands ~~for~~ representing various instructions; and

an engine for executing print based on the transmitted commands, wherein

the engine comprises a mechanical section and a mechanical controller which controls the mechanical section according to the transmitted commands,

the transmitted commands are classified into a plurality of layers,

each of the instructions is determined by at least a first command of a superior layer and a second command of a subordinate layer of the plurality of layers,

the mechanical controller holds the first command last received until reception of another first command,

when the ~~engine~~ mechanical controller receives the first and second commands, the ~~engine executes~~ mechanical controller controls the mechanical section according to the instruction specified by the received first and second commands, and

when the ~~engine~~ mechanical controller receives the second command without receiving the first command, the ~~engine executes~~ mechanical controller controls the mechanical section according to the instruction specified by the first command last ~~received~~ held by the mechanical controller and the second command now received.
2. (Currently Amended) The printer according to claim 1, wherein

each of the transmitted commands contains information concerning the layer in which the transmitted command belongs.

3. (Currently Amended) The printer according to claim 1, wherein
when ~~the engine receives~~ the transmitted commands include a portion for setting
parameters and
when the engine receives the portion for setting parameters ~~transmitted in the a print~~
execution time, the ~~engine~~ mechanical controller holds setup values of the parameters
~~transmitted by the commands~~ until reception of another command including another portion
for setting each of the ~~parameter~~ parameters.

4. (Currently Amended) The printer according to claim 1, wherein after execution of a
previous ~~print~~ printing operation in the a print execution time,
when the ~~engine~~ mechanical controller receives transmitted commands for setting all
parameters to be set after execution of the previous ~~print~~ printing operation, the engine
executes ~~print~~ a next printing operation in accordance ~~with setup values of the parameters of~~
~~the commands therewith~~, and

when the ~~engine~~ mechanical controller receives transmitted commands for setting a
part of the all the parameters to be set, the engine executes ~~print~~ a next printing operation in
accordance ~~with the setup values of the parameter of the received commands for the part of~~
~~the all parameters therewith~~ and in accordance with the setup values of the last received
transmitted commands for ~~the other~~ parameters contained therein that are different than the
part of the all parameters.

5. (Currently Amended) The printer according to claim 1, wherein
when the instructions includes an instruction regarding execution of ~~print~~ printing, the
instruction regarding the execution of ~~print~~ printing is specified by the first command, and
another instruction which varies in accordance with the each of instructions is specified by

the second command, each of instructions concerning execution of ~~print~~ printing is specified by a first command meaning execution of ~~print~~ printing and a second command varying in accordance with the instructions.

6. (Currently Amended) The printer according to claim 1, wherein the second command ~~include~~ includes a print parameter information command portion and a set command portion, ~~the set command portion indicating meaning determination the end of the instruction~~ print parameter information command portion for each print page.

7. (Currently Amended) The printer according to claim 6, wherein the ~~engine~~ mechanical controller executes the instruction for a current print page based on the print parameter information command portion received preceding the current set command portion and the print information parameter command portion received prior to the preceding set command portion in response to the set command portion.

8. (Currently Amended) The printer according to claim 6, wherein the instruction for a current print page is specified by ~~the~~ a current commands print information parameter command portion for the current print page and ~~the~~ a preceding commands print information parameter command portion for the preceding print page different from the current commands print information parameter command portion in response to the set command portion for the current print page.

9. (New) A printer comprising:

a controller configured to transmit commands representing various instructions; and

an engine configured to receive the transmitted commands and to perform printing based on the transmitted commands, wherein

the transmitted commands are classified into a plurality of layers,

each of the instructions is determined by at least a first command of a superior layer and a second command of a subordinate layer of the plurality of layers, with each of the first and second commands including a same number of bits,

when the engine receives the first and second commands, the engine executes the instruction specified by the first and second commands in performing said printing, and

when the engine receives the second command without receiving the first command, the engine executes the instruction specified by the first command last received and the second command now being received in performing said printing.